

## **ABSTRACT**

The propagation time (1605) of signals between a terminal (1304) and a  
10 base station (1302) is calculated from the round-trip time (1601) of signals  
between the terminal (1304) and the base station (1302) and the turn-around  
time (1603) from the reception by terminal (1304) of a signal from base station  
(1302) until the transmission of the signal to the base station (1302). The  
propagation time (1606) of signals between the terminal (1304) and another  
15 base station (1303) is similarly calculated. The difference between the  
propagation times (1605 and 1606) and the arrival time difference (1607) that  
is calculated in the terminal (1304) are then compared to calculate the  
transmission time difference (1608) between the base stations (1302 and  
1303).